

**STATEMENT UNDER 37 CFR 3.73(b)**

Atty. Docket No. 1857.5260005

Applicant/Patent Owner: Gurer et al.

Application No./Patent No.: 7,255,975 Filed/Issue Date: August 14, 2007

Entitled: Yield and Line Width Performance for Liquid Polymers and Other Materials

ASML Holding N.V., a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy therefore is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: GURER et al. To: SILICON VALLEY GROUP, INC.

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: SILICON VALLEY GROUP, INC. To: ASML US, INC.

The document was recorded in the United States Patent and Trademark Office at  
Reel 022500, Frame 0622, or for which a copy thereof is attached.

3. From: SVG LITHOGRAPHY SYSTEMS, INC. To: ASML US, INC.

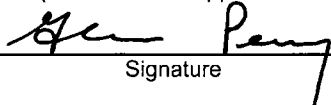
The document was recorded in the United States Patent and Trademark Office at  
Reel 021938, Frame 0810, or for which a copy thereof is attached.

☒ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
Signature

Glenn J. Perry, Reg. No. 28,458  
Printed or Typed Name

15 May 2009  
Date

(202) 371-2600  
Telephone Number

Authorized Agent

Title

**Statement Under 37 CFR 3.73(b) (PTO/SB/96)  
Supplemental Sheet for Chain of Title, Item B**

Applicant/Owner: Gurer et al.

Application No./Patent No.: 7,255,975

Application Date/Issue Date: August 14, 2007

Title: **Yield and Line Width Performance for Liquid Polymers and Other Materials**

Name of Assignee: **ASML Holding N.V.**

Type of Assignee: **Corporation**

**Part B Continued: Additional Documents in the Chain of Title**

4. From: ASML US, INC. To: ASML US, LLC  
The document was recorded in the United States Patent and Trademark Office at  
Reel 021941, Frame 0021, or for which a copy thereof is  
attached.
5. From: ASML US, LLC To: ASML US, INC.  
The document was recorded in the United States Patent and Trademark Office at  
Reel 021975, Frame 0851, or for which a copy thereof is  
attached.
6. From: ASML US, INC. To: ASML HOLDING N.V.  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is  
attached.
7. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is  
attached.

**JOINT TO CORPORATE  
ASSIGNMENT**

WHEREAS, the undersigned,

Emir Gurer  
709 Coast Range Drive  
Scotts Valley, California 95066

Ed C. Lee  
10502 Rampart Avenue  
Cupertino, California 95014

Murthy Krishna  
1250 Henderson Avenue, #2  
Sunnyvale, California 94086

Reese Reynolds  
115 Craig Way  
Los Gatos, California 95032

John Salois  
P.O. Box 923  
Redwood City, California 94064

and

Royal Cherry  
1147 Leigh Avenue, #2  
San Jose, California 95126

hereinafter termed "Inventors", have invented certain new and useful improvements in

**IMPROVED YIELD AND LINE WIDTH PERFORMANCE FOR LIQUID POLYMERS**

and have filed herewith an application for a United States patent disclosing and identifying the above invention on December 28, 1998 as Application No. 09/221,060 (hereinafter termed "application") (we hereby authorize the assignee to fill in the blanks); and

WHEREAS, Silicon Valley Group, Inc., a corporation of the State of Delaware, having a place of business at 101 Metro Drive, Suite 400, San Jose, California 95110, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

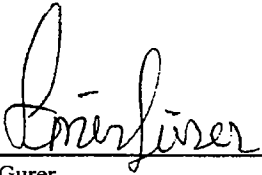
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.

  
Emir Gurer

5/7/99  
Date

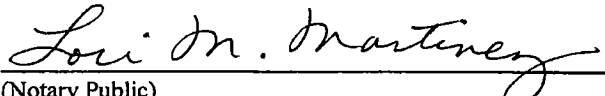


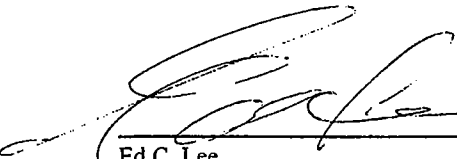
State of California )  
County of Santa Clara )

On May 7, 199 9, before me, LORI M. MARTINEZ  
personally appeared EMIR GURER

☒ personally known to me or ☐ proved to me on the basis of  
satisfactory evidence, to be the person whose name is subscribed to  
the within instrument and acknowledged to me that he/she executed  
the same in his/her authorized capacity, and that by his/her  
signature on the instrument the person or the entity upon behalf of  
which the person acted, executed the instrument.

WITNESS my hand and official seal.

  
(Notary Public)

  
Ed C. Lee

4/15/99  
Date

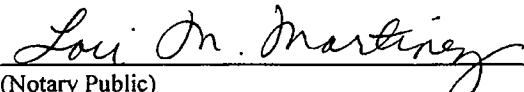


State of California )  
County of Santa Clara )

On April 15, 199 9, before me, LORI M. MARTINEZ  
personally appeared EDDIE CHUNG YUEN LEE

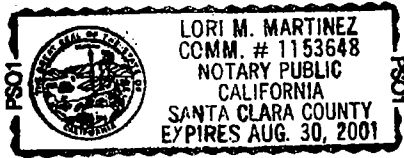
☐ personally known to me or ☒ proved to me on the basis of  
satisfactory evidence, to be the person whose name is subscribed to  
the within instrument and acknowledged to me that he/she executed  
the same in his/her authorized capacity, and that by his/her  
signature on the instrument the person or the entity upon behalf of  
which the person acted, executed the instrument.

WITNESS my hand and official seal.

  
(Notary Public)

S.K. Murthy  
Murthy Krishna

4/15/99  
Date



State of California )  
County of Santa Clara )

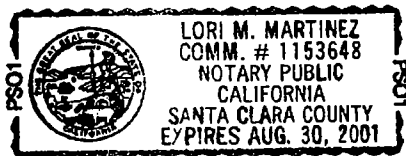
On April 15, 199 9, before me, Lori M. Martinez  
personally appeared S.K. MURTHY (MURTHY KRISHNA)  
☐ personally known to me or ☒ proved to me on the basis of  
satisfactory evidence, to be the person whose name is subscribed to  
the within instrument and acknowledged to me that he/she executed  
the same in his/her authorized capacity, and that by his/her  
signature on the instrument the person or the entity upon behalf of  
which the person acted, executed the instrument.

WITNESS my hand and official seal.

Lori M. Martinez  
(Notary Public)

Reese Reynolds  
Reese Reynolds

4/15/99  
Date



State of California )  
County of Santa Clara )

On April 15, 199 9, before me, Lori M. Martinez  
personally appeared REESE M. REYNOLDS  
☐ personally known to me or ☒ proved to me on the basis of  
satisfactory evidence, to be the person whose name is subscribed to  
the within instrument and acknowledged to me that he/she executed  
the same in his/her authorized capacity, and that by his/her  
signature on the instrument the person or the entity upon behalf of  
which the person acted, executed the instrument.

WITNESS my hand and official seal.

Lori M. Martinez  
(Notary Public)

John W. Salois  
John Salois

15 Apr 99  
Date



State of California )

County of Santa Clara )

On April 15, 1999, before me, LORI M. MARTINEZ  
personally appeared JOHN W. SALOIS

☐ personally known to me or ☒ proved to me on the basis of  
satisfactory evidence, to be the person whose name is subscribed to  
the within instrument and acknowledged to me that he/she executed  
the same in his/her authorized capacity, and that by his/her  
signature on the instrument the person or the entity upon behalf of  
which the person acted, executed the instrument.

WITNESS my hand and official seal.

Lori M. Martinez  
(Notary Public)

Royal W. Cherry, III  
Royal Cherry

4/15/99  
Date



State of California )

County of Santa Clara )

On April 15, 1999, before me, LORI M. MARTINEZ  
personally appeared ROYAL W. CHERRY, III

☐ personally known to me or ☒ proved to me on the basis of  
satisfactory evidence, to be the person whose name is subscribed to  
the within instrument and acknowledged to me that he/she executed  
the same in his/her authorized capacity, and that by his/her  
signature on the instrument the person or the entity upon behalf of  
which the person acted, executed the instrument.

WITNESS my hand and official seal.

Lori M. Martinez  
(Notary Public)

## CONFIRMATORY ASSIGNMENT

WHEREAS, ASML US, Incorporated, a Delaware Corporation (hereinafter "Assignor"), having a place of business at 8555 South River Parkway, Tempe, Arizona 85284, USA, and ASML Holding N.V., a Netherlands Corporation (hereinafter "Assignee"), having a place of business at De Run 1110, 5503 LA Veldhoven, The Netherlands, entered into a Confidential Intellectual Property Assignment ("Assignment") having an effective date of February 12, 2002;

WHEREAS, Assignor assigned and transferred to Assignee, on February 12, 2002, all right, title, and interest in and to certain inventions, patents, and applications (the "Assigned Inventions"), including the patents and applications set forth in Schedule A attached hereto; and

WHEREAS, the parties need a document that can be recorded to demonstrate the assignment of the Assigned Inventions, including the patents and applications set forth in the attached Schedule A;

NOW, THEREFORE, for good and valuable consideration, Assignor does hereby confirm that Assignor assigned and transferred to Assignee, its representatives, successors, and assigns, its entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, in the United States and throughout the world, (a) in the Assigned Inventions, in any and all applications thereon, and in any and all Letters Patent(s) therefor, and (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable; all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.



The Assignor hereby grants Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K. S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; Linda E. Alcorn, Esquire, Registration No. 39,588; Lawrence B. Bugaisky, Esquire, Registration No. 35,086; Donald J. Featherstone, Esquire, Registration No. 33,876; Robert C. Millonig, Esquire, Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; and Patrick E. Garrett, Esq., Registration No. 39,987; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment, including the attached Schedule A, any further information regarding the patents and patent applications so identified in such Schedule A that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, or any other office, for recordation of this document.

SIGNED on behalf of the said ASSIGNOR, ASML US, Inc.

By:

David Kim

[Type/Print Name]

Title: Assistant Secretary

Date: September 8, 2003

Witnessed before me:

Signature: Leslie Gnant

Print Name: LESLIE GNANT

Address: 8555 S River Parkway  
Tempe, Arizona

Signature: Carolee Junk

Print Name: Carolee Junk

Address: 8555 S River Parkway  
Tempe Arizona

SIGNED on behalf of the said ASSIGNEE, ASML Holding N.V.

By: \_\_\_\_\_

A.J.M. van Hoef

[Type/Print Name]

Title: Chief IP Counsel and authorized representative

Date: 1 October 2003

Witnessed before me:

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: Miranda ten Bras

Print Name: Marieke van Geffen

Address: Veldhoven

Address: Veldhoven

The Netherlands

The Netherlands

SKGF Doc 164012v1

# **SCHEDULE A**

## **PATENTS AND PATENT APPLICATIONS**

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Patent No.</u>	<u>Issue Date</u>
1. US	09/800,060	03/05/2001		
2. US	09/221,060	12/28/1998	6,248,171	06/19/2001
3. US	60/100,738	09/17/1998		
4.				
5.				